

## INTERNATIONAL SEARCH REPORT

International Application No

IB2004/050432

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04S5/00 G10L19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04S G10L H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 039 755 A (BERKOVITZ ROBERT A) 2 August 1977 (1977-08-02)	1-7, 10-12, 17, 18
A	abstract; figures 6, 8	8, 9, 13-16
X	US 3 992 582 A (OSAKABE YOSHIO) 16 November 1976 (1976-11-16) column 3, line 3 - line 38; figure 1	1-3, 7, 17, 18
A	EP 1 024 679 A (BOSCH GMBH ROBERT) 2 August 2000 (2000-08-02) paragraph '0034! - paragraph '0043!; figures 5, 6	1-18
A	US 4 308 424 A (BICE JR ROBERT G) 29 December 1981 (1981-12-29) figures 1, 4	1, 13-18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*&\* document member of the same patent family

Date of the actual completion of the international search

14 July 2004

Date of mailing of the international search report

02/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 843 503 A (SANYO ELECTRIC CO)  20 May 1998 (1998-05-20)  abstract; figures 1,2,5  column 1, line 24 - line 35  column 2, line 3 - line 44</p>	1,13-18

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